

Ambient Air Ethylene Oxide Sampling - Willowbrook Area

Sample Station

Village Hall
Duplicate at Village Hall
EPA Warehouse

Village Hall
EPA Warehouse

Village Hall
Duplicate at Village Hall
EPA Warehouse

* - 12-hr samples collected separately for day and night on 8-9 Feb., averaged for overall day result
d - lab duplicate: duplicate analyses of the same Summa canister
J - estimated value between MDL and Reporting Limit

| Sample ID (day) | Result (ug/m3) | Sample ID (night) | Result (ug/m3) | Day Average for Station |
|------------------------|----------------|-------------------|----------------|-------------------------|
| Sample Date: Feb 8-9* | | | | |
| PD-D-020819 | 0.12 J | PD-N-020819 | 1.2 | 0.57 |
| DUP-D-020819 | 0.14 J | DUP-N-020819 | 0.83 | |
| WH-D-020819 | 0.55 | WH-N-020819 | 9.6 | 5.1 |
| Sample ID (24-hr) | Result (ug/m3) | | | Day Average for Station |
| Sample Date: Feb 11-12 | | | | |
| PD-DN-021119 | 7.8 | | | 7.8 |
| WH-DN-021119 | 0.26 / 0.22d | | | 0.24 |
| Sample Date: Feb 14-15 | | | | |
| PD-DN-021419 | 0.18 / 0.25d | | | 0.23 |
| DUP-DN-021419 | 0.24 | | | |
| WH-DN-021419 | 0.57 | | | 0.57 |

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| Sample Station | Result (ug/m ³) |
|----------------|-----------------------------|
| | Feb 8-9* (Avg) |
| Village Hall | 0.57 |
| EPA Warehouse | 5.1 |

* - 12-hr samples collected separately for day and night, averaged for overall day result

Values shown as X / X are results from duplicate Summa canisters at the location

| | | Feb 11-12 | Feb 14-15 | Feb 19-20 | Feb 20-21 | Feb 21-22 |
|--------------|----------------|-----------|-------------|-----------|-----------|-----------|
| <i>(day)</i> | <i>(night)</i> | | | | | |
| 0.12 / 0.14 | 1.2 / 0.83 | 7.8 | 0.24 / 0.21 | | | |
| 0.55 | 9.6 | 0.24 | 0.57 | | | |